

ABSTRACT OF THE DISCLOSURE

Alithium ion secondary cell comprising a positive electrode, a negative electrode and a non-aqueous electrolytic solution wherein the negative electrode comprises a negative electrode
5 active material containing a carbonaceous material having a spacing d_{002} of 0.3360 nm or less, a crystal size L_c in the c-axis direction of at least 70 nm and a R value of from 0.01 to 0.3 where a R value is a ratio of I_{1350} to I_{1580} in which I_{1350} and I_{1580} are Raman intensities around 1350 cm^{-1} and 1580 cm^{-1} in a Raman
10 spectrum, and wherein the non-aqueous electrolytic solution contains 0.5 to 5% by weight of vinylene carbonate or its derivative.